SVR-632/664
Quick Installation Guide

32/64-CH Network Video Recorder with Local Display

Version 1.0.0

Table of Contents

Preliminary 3

System Overview 6
Front View 6
Rear View 6
LED Definition 7

Installation 8
HDD Installation 8
Connect to the NVR 11
Use SEEnergy Device Search Utility 11
Access the NVR with its default IP address 16
Set up Password 17
Camera Installation 18
Add a Camera -- Automatic Search 18
Add a camera manually 21

Preliminary

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System Requirements

The following are minimum system requirements for the system to operate Embedded Network Video Recorder (ENVR):

Operating System
Microsoft® Windows® 2000 Professional, Windows® XP Professional (32 bit) or Windows® Server 2003 (32 bit) **Browser** Microsoft Internet Explorer 7 or above

CPU
Minimum Intel® Pentium® 4 2.4 GHz or higher (Dual Core is recommended) **RAM** Minimum 1 GB of RAM, 2GB or above is recommended
Network
Minimum 10/100 Ethernet (Gigabit Ethernet is recommended)

Graphics Adapter
AGP or PCI-Express, minimum 1024×768, 16 bit colors.
(We highly recommend to work above the 1024 x 768 resolution to get the full experience of the software)

- ***Make sure your display DPI setting is set to default at 96DPI***
- ***To set DPI value, right-click on desktop, choose "Settings" tab >> "Advanced" >> "General"***

Package Contents

- **Network Video Recorder**
- **Power cord**
- **Ethernet cable**
- **Printed Quick Installation Guide**
- **Printed Warranty Card**
- **CD with Adobe Acrobat Reader/Quick Installation Guide/User's Manual/NVR Media Player/SEEnergy Device Search Utility/Pi-Vu Central Basic CMS software**

Contents Inside the Installation CD

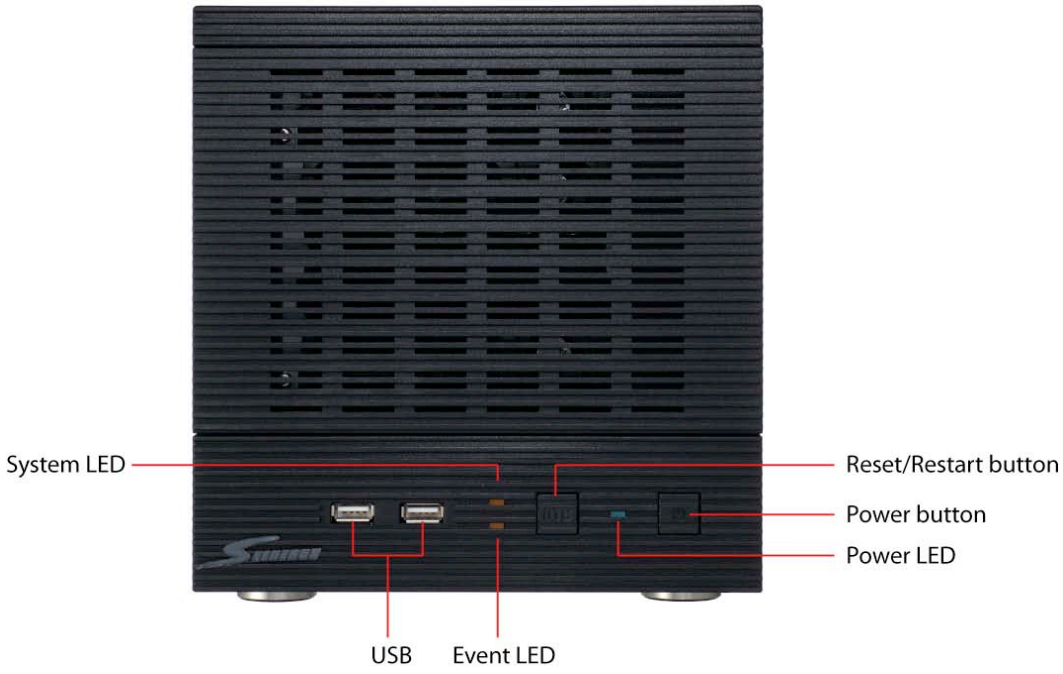
- Adobe Acrobat Reader
- Smart Device Search Utility
- Pi-Vu Central Basic CMS software
- NVR Media Player
- User's Manual
- Quick installation Guide
- Datasheet

Product Description

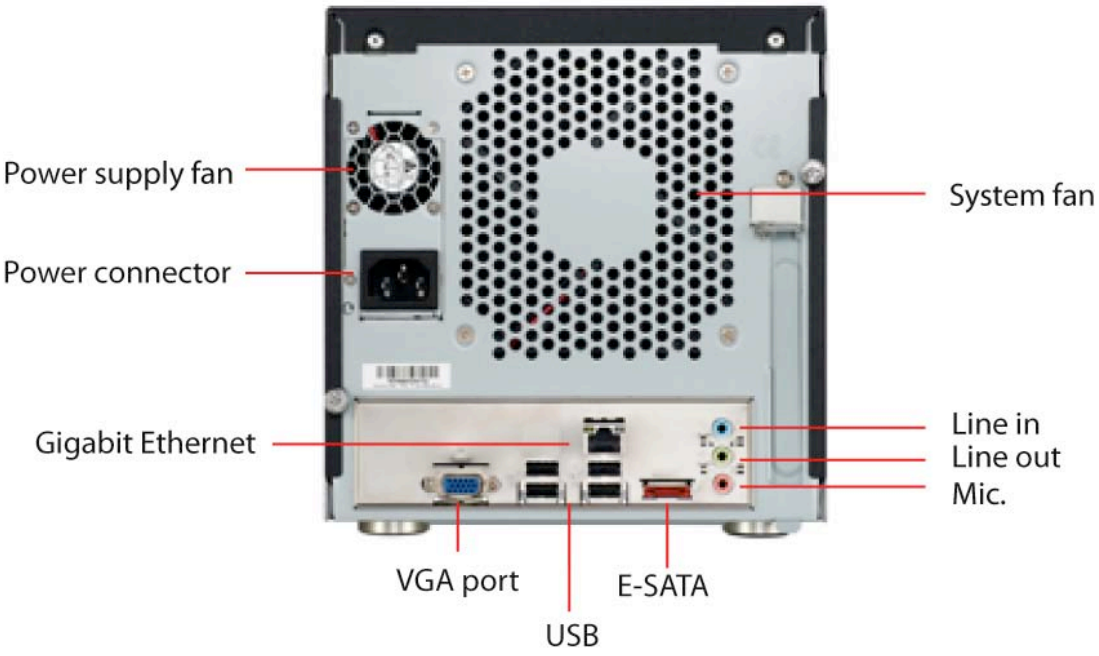
The NVR is designed for use within a surveillance system, and performs recordings and playbacks pictures from network cameras in the system. It is a 32-channel/64-channel network video recorder (NVR) for enterprise applications. It provides uninterrupted recording also in full frame rate 1.3Mp resolution for up to 32 connected cameras. Up to 64 cameras can be connected via a network and it is possible to record their camera pictures. It is possible to perform the settings or operate the NVR using a web browser installed on a PC connected to a network and live videos can be viewed on major mobile devices through its web browser. Recorded video can be played back from remote site by a PC. SVR-632/664 is compatible with most major brand cameras and its ability to automatically search and find the available cameras on the network can greatly reduce the user's effort when configuring the system.

System Overview

Front View



Rear View

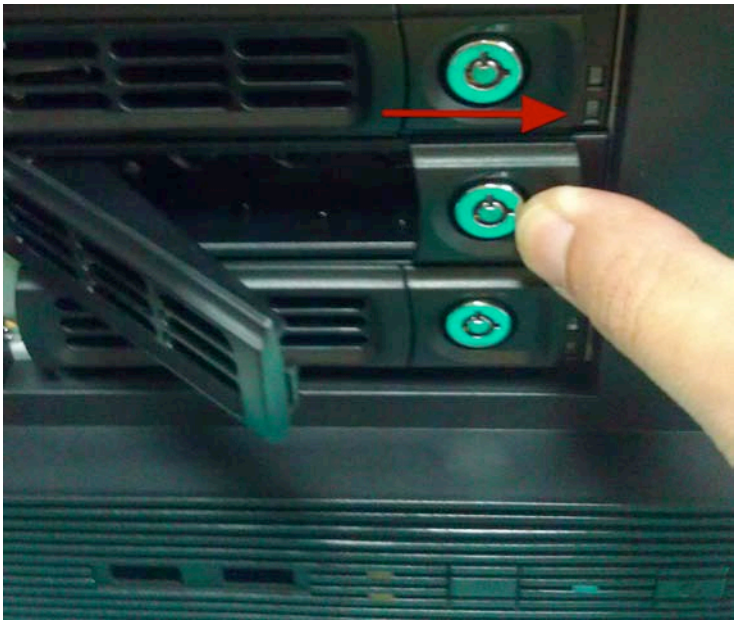


LED Definition

Buttons	
Power	
Reset/Restore default	• Press and release for restart • Press and hold for 3 seconds then release for restore to default, when 3 seconds is reached, System LED blinks until release of the button
LEDs	
Restore default	• System LED blinks during the process • Power LED stays solid
Restart	• Power LED stays solid • System LED off
Power	• Blue • During power on/restart/reset to default/OS fail: stays solid
System	• Amber • During firmware upgrade: blinking • System failure (AP fail): off • System Normal: Solid
Event	• Amber • During event recording: solid • No event: off

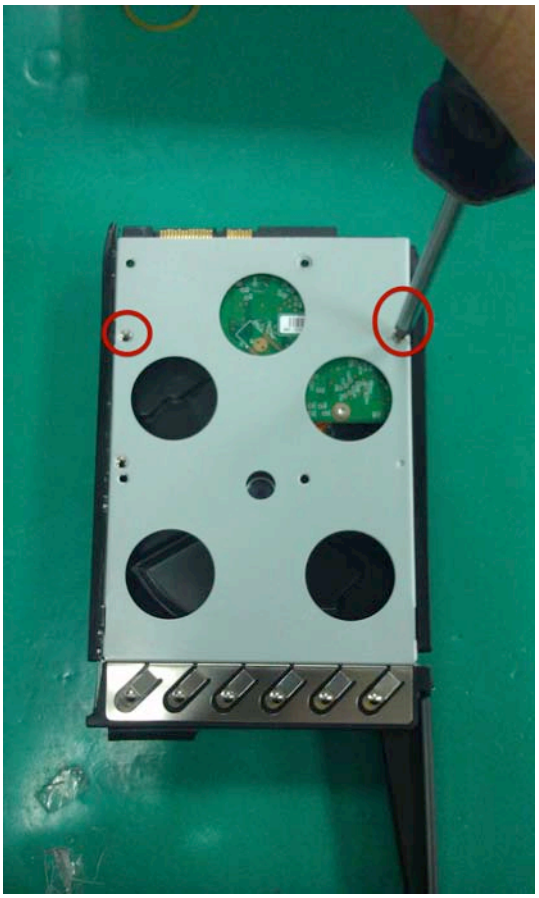
Installation

HDD Installation

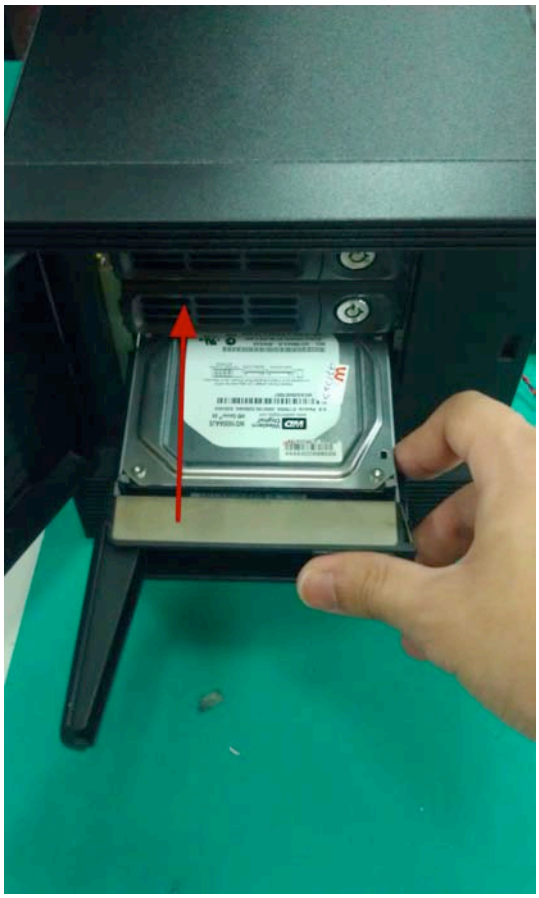


Release the HDD tray by pulling the lock to the right.

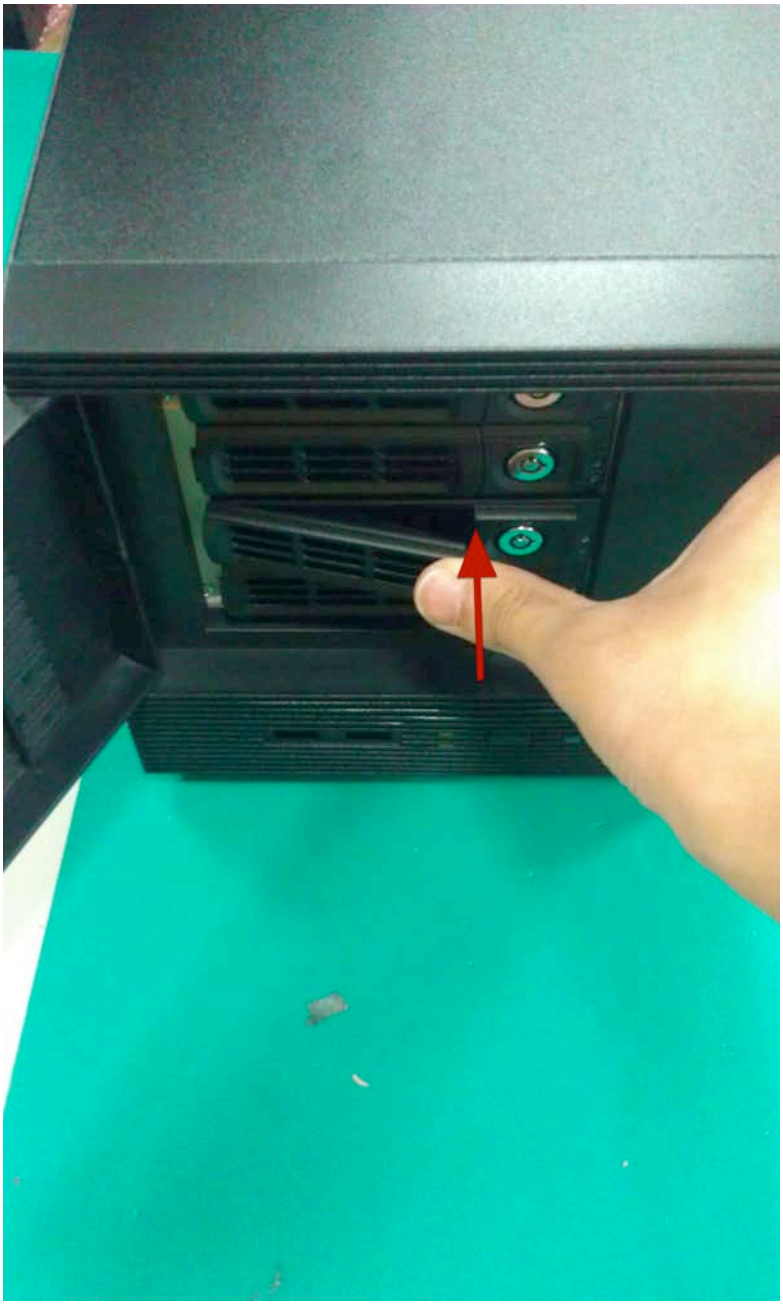
Pull the HDD tray out of the case.



Place the HDD in the tray and case. Secure it with the screws at the bottom of the tray.



Put the HDD tray back to the



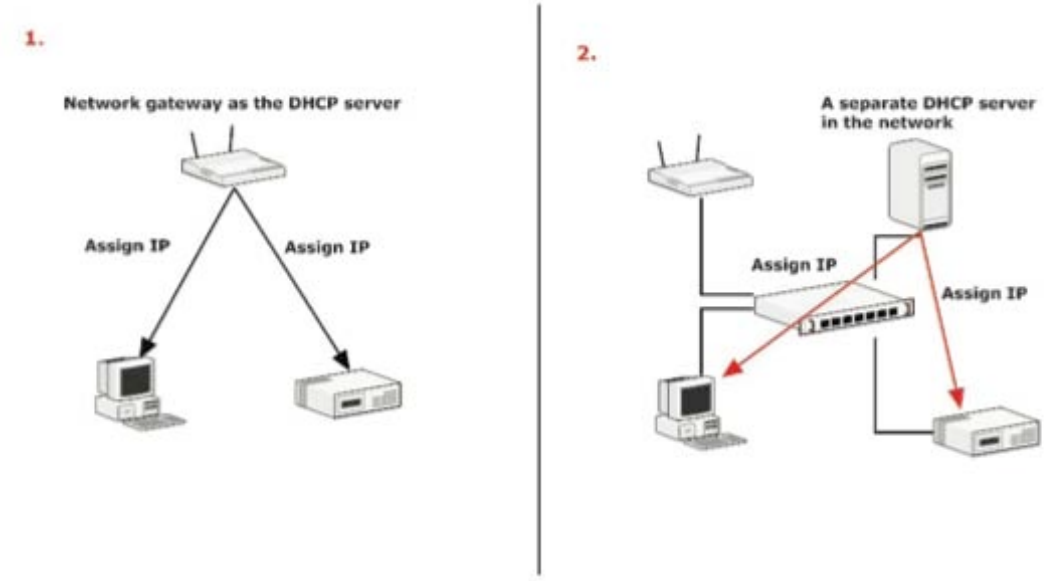
Push the tray door back to the case to secure it.

Connect to the NVR

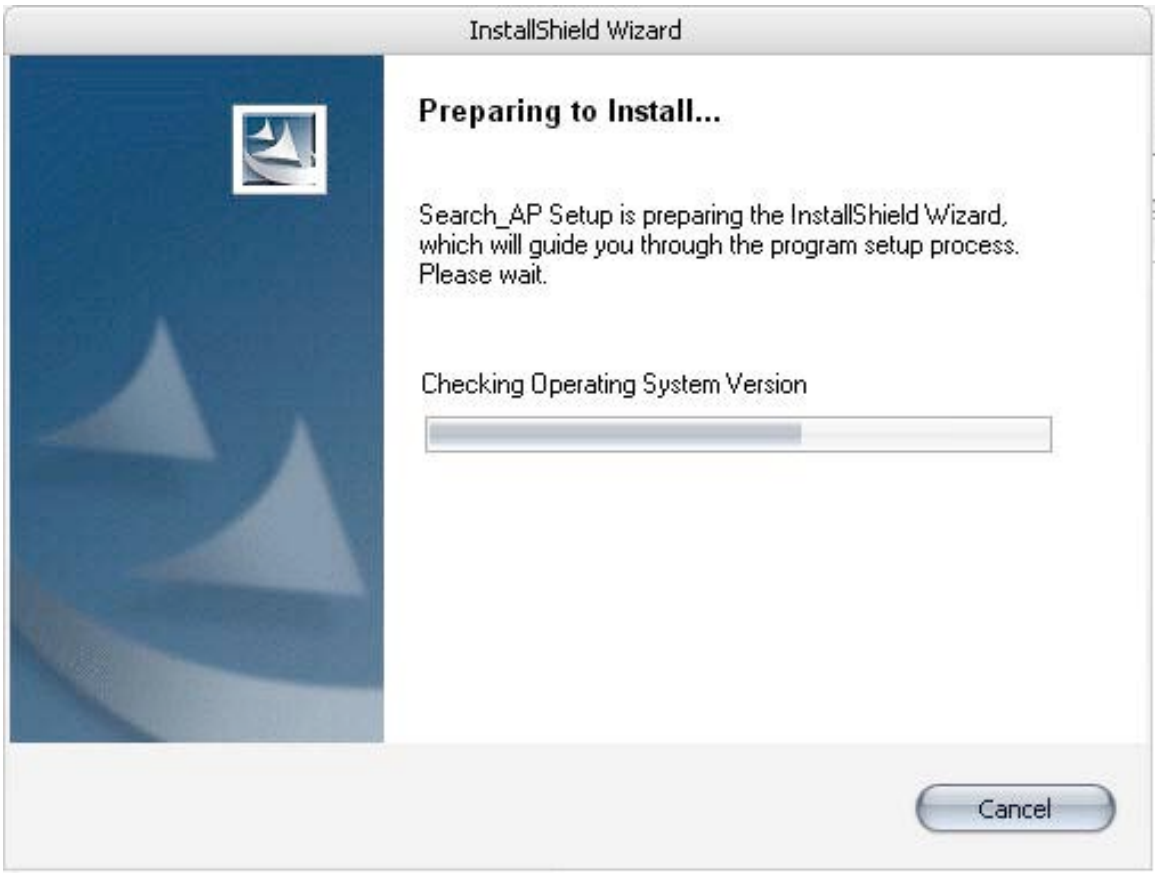
There are various ways you can connect to the NVR and below are the suggested methods for different network setup:

- The NVR is placed in a network with a DHCP server: Connect to the NVR by using **"SEEnergy Device Search" Utility**
- The NVR is placed in a network without DHCP server (or you are connecting to it directly): **Access the NVR with its default IP**

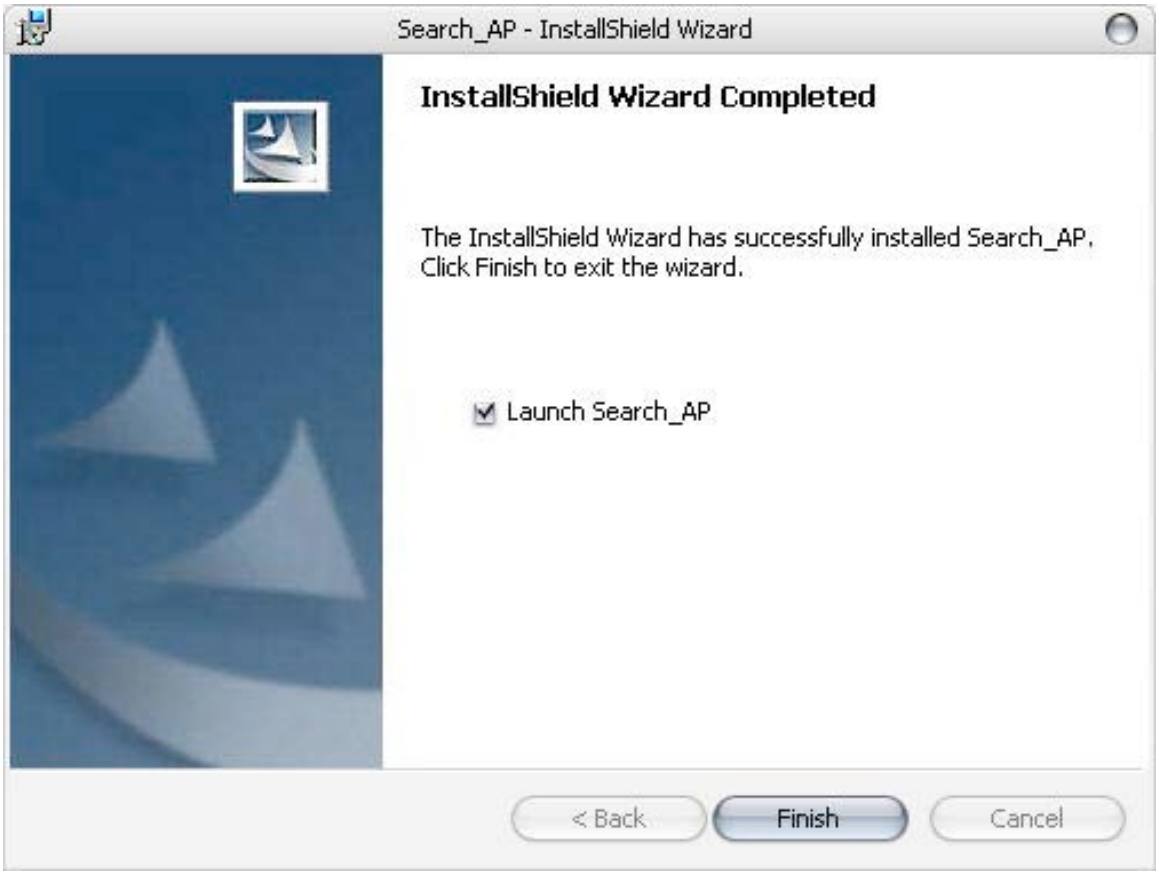
Use SEEnergy Device Search Utility



If the NVR is placed in a corporate network or a local area network where a DHCP server is already presented, run the "SEEnergy Device Search" utility from a computer that is on the same network and locate the NVR with its IP address that is assigned by the top-level DHCP server.

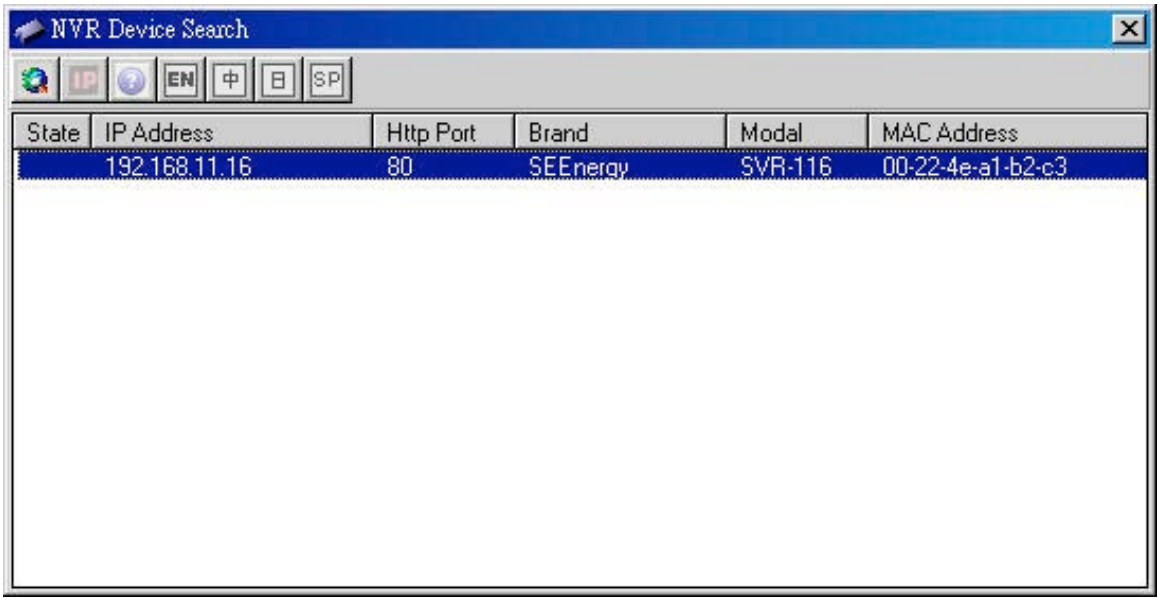

InstallShield Wizard
Preparing to Install...
Search_AP Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Checking Operating System Version
Cancel

To begin, launch the "SEEnergy Deivce Search" utility from the CD and proceed with the installation:

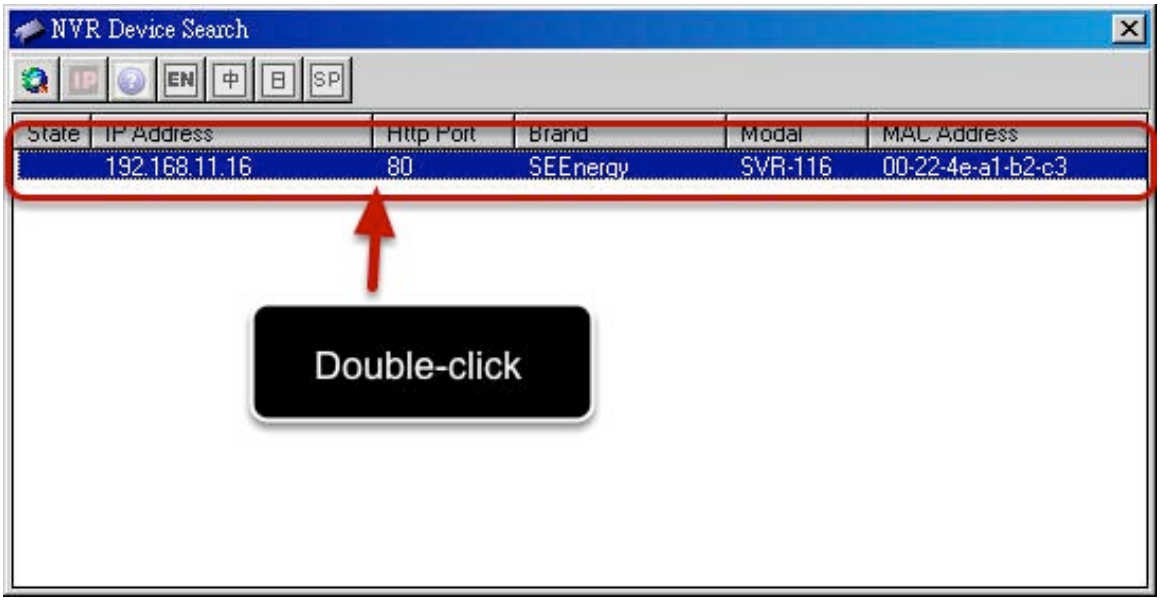


Once the installation is complete, check the "Launch the Search AP" option and click "Finish".

The search should start automatically and its status should be displayed.



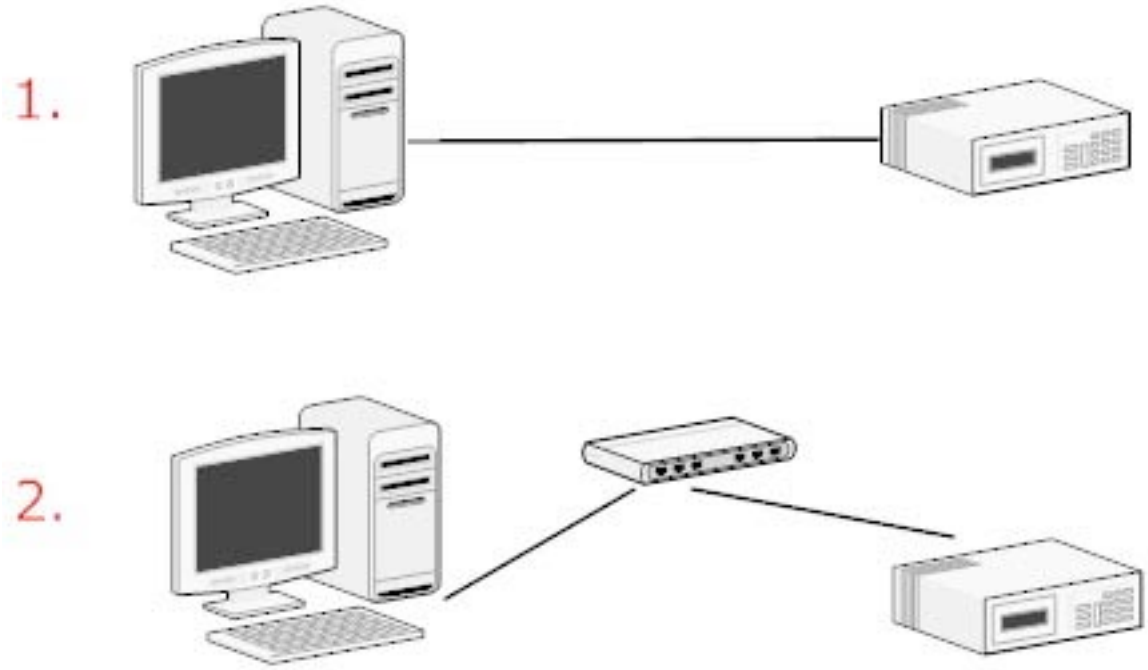
The NVR should be located and its IP address should be displayed.



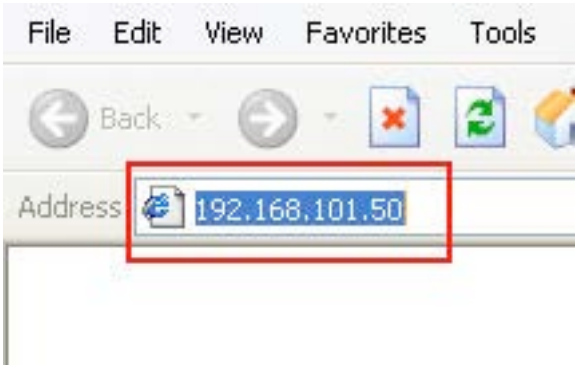
Double-click on an NVR and the search program should automati- cally access the NVR's web administration page from your default browser.

You should be prompted for the NVR's username and password. Enter its **default username "admin" and password "admin"** and then click"OK" to enter the system

Access the NVR with its default IP address



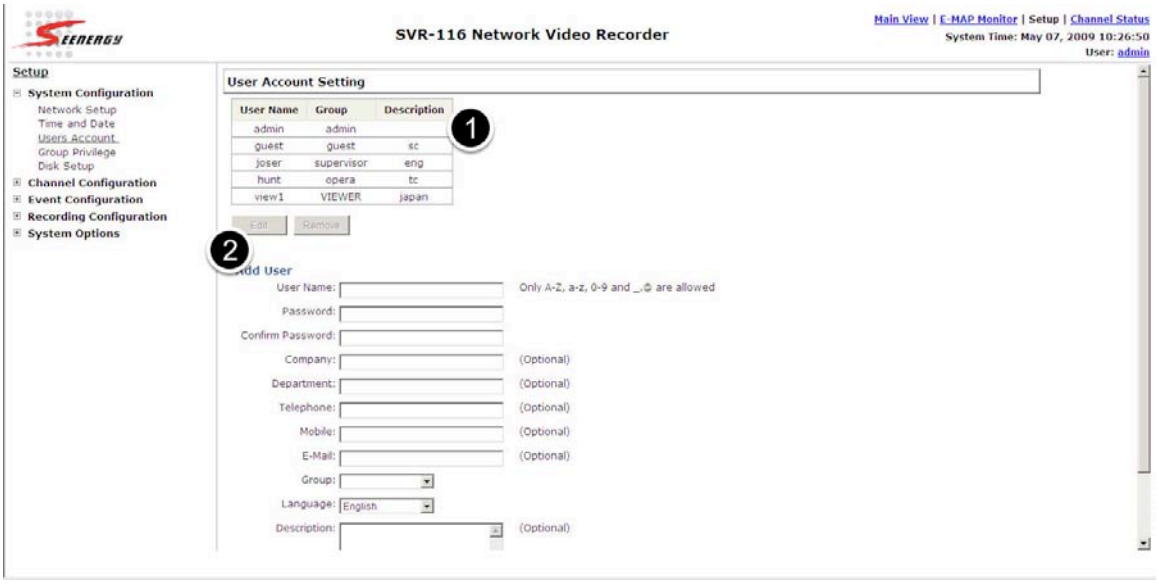
The NVR comes with a pre-configured static IP "**192.168.101.50**". However, it is only used when there is no DHCP server presented in the network. The NVR will turn on its DHCP server function and act as the DHCP server in the network. To connect to the NVR, use a PC that is on the same network over a switch or hub, or connect the PC directly to the NVR using a crossover CAT5 Ethernet cable.



The PC that is connected directly to the NVR (or within the same local area network) should receive an IP from the NVR. Simply access the NVR from your web browser with its IP address

Again, you should be prompted for the username and password. Enter its default username "**admin**" and password "**admin**" and then click"OK" to enter the system

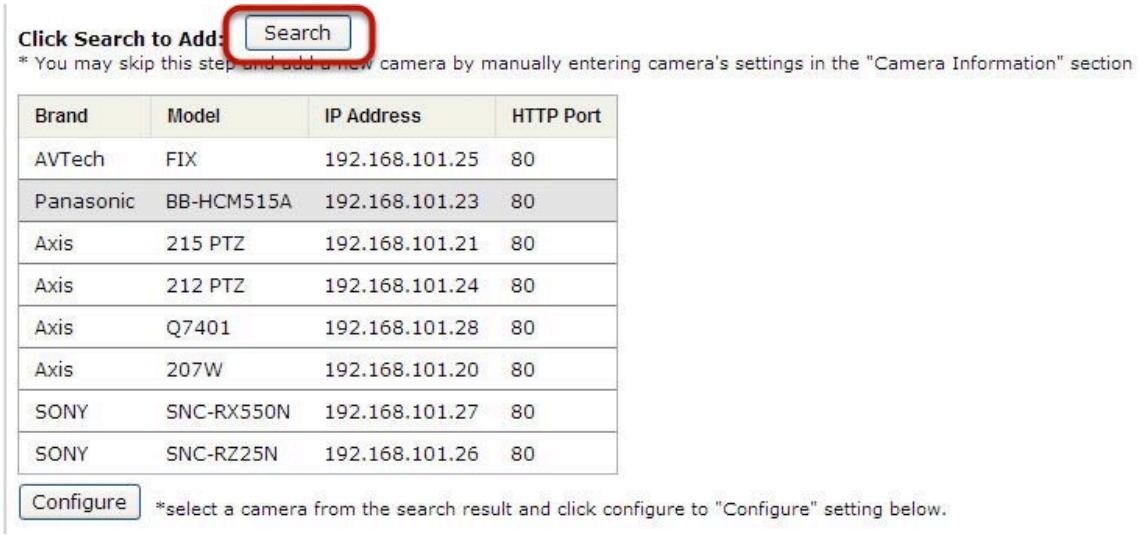
Set up Password



The default login username and password is admin/admin. To change the password of the admin account, go to "Setup" --> "System Configurations" --> "User Account", click on the "admin" account in the account list then press the "edit" button to change its password. Finally, click "Apply" to save the change.

Camera Installation

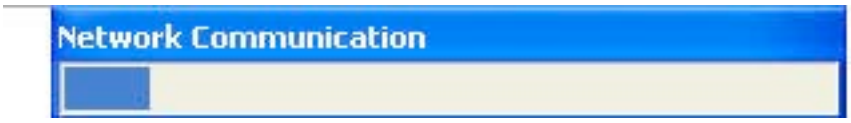
Add a Camera -- Automatic Search



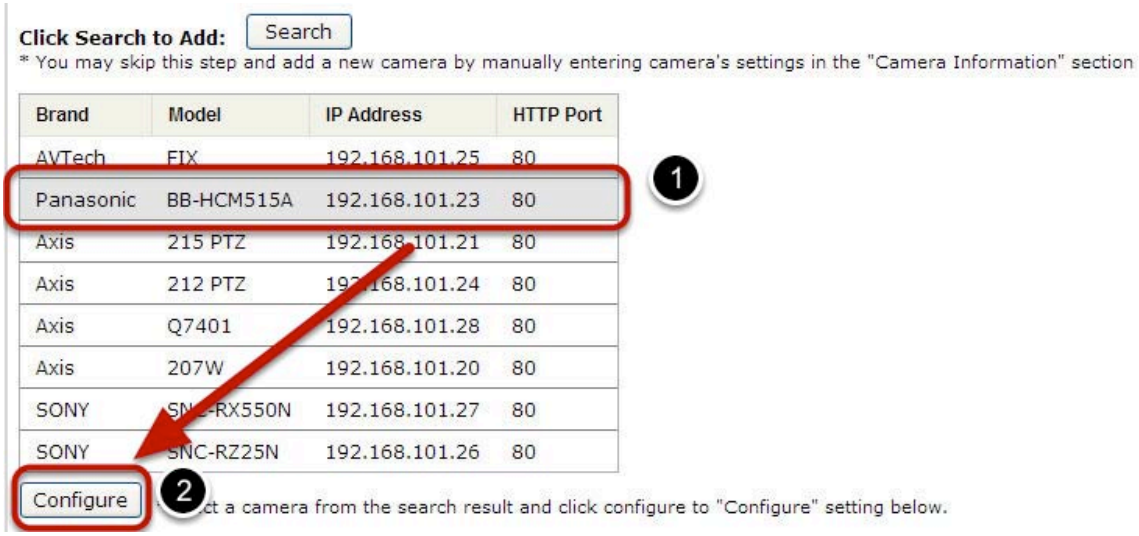
Click the "Search" button to perform the camera search.

Internet Explorer - Security Warning
Do you want to install this software?
Name: ActiveX Control of Media Client
Publisher: Seenergy Co., Ltd.
More options
Install
Don't Install
While files from the Internet can be useful, this file type can potentially harm your computer. Only install software from publishers you trust. What's the risk?

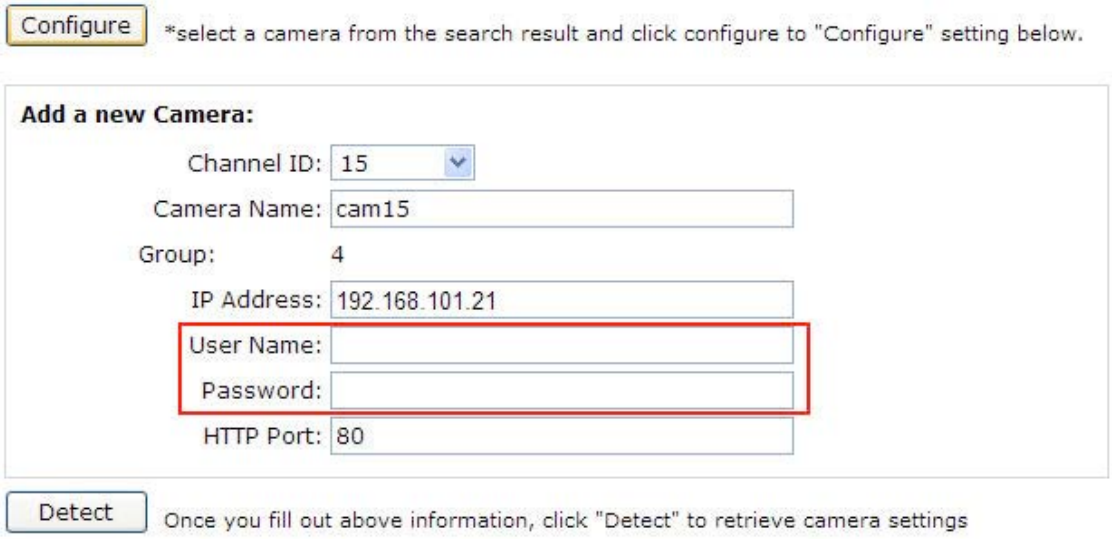
You should be prompted to install Active Control component in order for the search to function properly. Go ahead and click "Install"



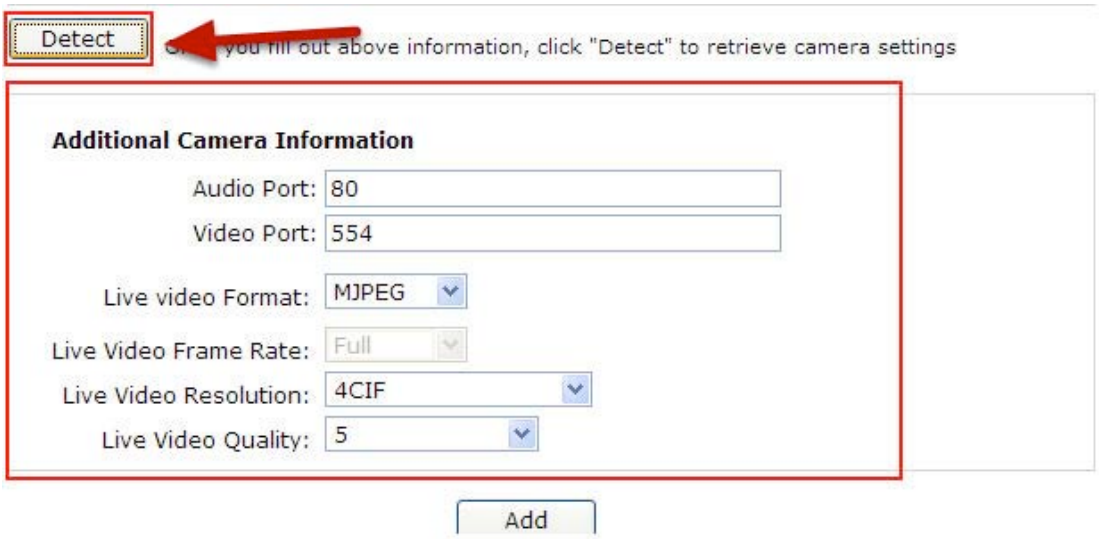
After that, the search should begin and its status should be displayed:



Found cameras should be listed and simply select a camera from the list and press "Configure"

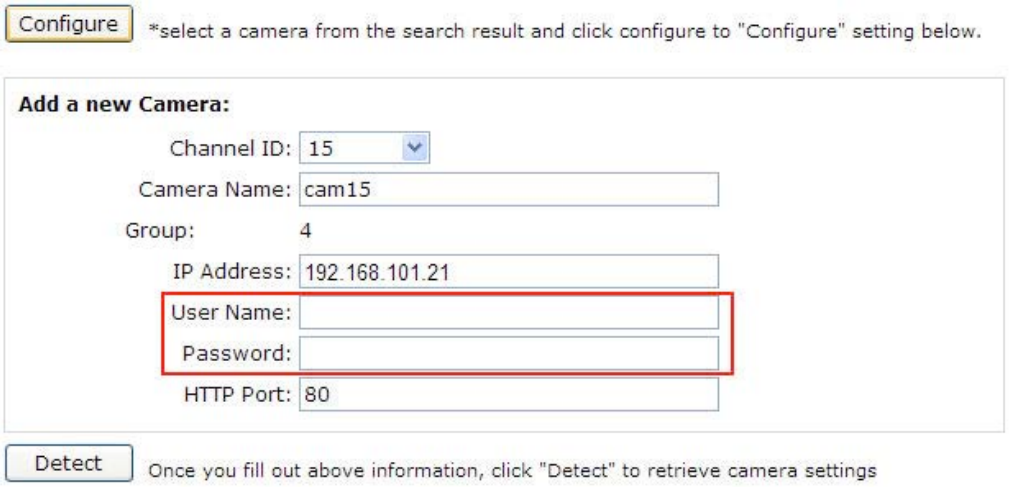

Configure
*select a camera from the search result and click configure to "Configure" setting below.
Add a new Camera:
Channel ID: 15
Camera Name: cam15
Group: 4
IP Address: 192.168.101.21
User Name:
Password:
HTTP Port: 80
Detect
Once you fill out above information, click "Detect" to retrieve camera settings

Its corresponding information should be displayed in the "Camera Information" section. Enter its username and password and select the channel ID and name the camera.



Click on "Detect" to establish connection between the recorder and the camera. If connection establishes successfully, camera's detailed information should be polled and displayed as below.
Adjust its video format, frame rate, resolution or bitrate...etc if you wish and then click "Add" to finish adding the camera

Add a camera manually


Configure
*select a camera from the search result and click configure to "Configure" setting below.
Add a new Camera:
Channel ID: 15
Camera Name: cam15
Group: 4
IP Address: 192.168.101.21
User Name:
Password:
HTTP Port: 80
Detect
Once you fill out above information, click "Detect" to retrieve camera settings

Simply follow the instruction described above but instead of using the "Search" function, enter the camera's IP address and credential in the "Camera Information" manually.